## In the Claims: (strikethrough parts deleted and underlined parts added)

## Please delete Claims 2, 5, 8 without prejudice or disclaimer.

- 1. (Currently Amended) A fluid flow bolt, comprising:
- a shaft having an elongate structure and a head;
- a plurality of channels extending into an outer portion of said shaft from a distal end of said shaft having a depth D1, wherein said channels have a spiral pattern and have a V-shaped cross sectional shape; and
- a threading within said shaft having a plurality of threading grooves having a depth D2 and threading ridges;

said depth D1 is greater than said depth D2.

- 2. (Deleted)
- 3. (Currently Amended) The fluid flow bolt of Claim 2 1, wherein said V-shaped cross sectional shape has a rounded narrow portion and rounded broad ends.
- 4. (Original) The fluid flow bolt of Claim 1, wherein said channels are equally spaced apart within said shaft.
  - 5. (Deleted)

0,

- 6. (Currenlty Amended) The fluid flow bolt of Claim 1, wherein said plurality of channels is are comprised of a first channel, a second channel and a third channel.
- 7. (Original) The fluid flow bolt of Claim 6, wherein said channels are positioned 120 degrees with respect to one another.
  - 8. (Deleted)

- 9. (Original) The fluid flow bolt of Claim 1, wherein said channels extend from said distal end of said shaft to near said head.
- 10. (Original) The fluid flow bolt of Claim 1, wherein said channels extend from said distal end of said shaft completely through said threading and away from said threading a finite distance.
- 11. (Original) The method of manufacturing a fluid flow bolt of Claim 1, wherein said depth D1 is at least 15 percent greater than said depth D2.
- 12. (Withdrawn) A method of manufacturing a fluid flow bolt, comprising the steps of:
  - (a) providing a cold forming die;
  - (b) cold forming a bolt within said cold forming die having an elongate shaft, a head and a plurality of channels within said elongate shaft having a depth D1; and
  - (c) threading a plurality of threading grooves within said shaft having a depth D2, wherein said depth D1 is greater than said depth D2.
- 13. (Withdrawn) The method of manufacturing a fluid flow bolt of Claim 12, wherein said plurality of channels form a spiral pattern.
- 14. (Withdrawn) The method of manufacturing a fluid flow bolt of Claim 12, wherein said depth D1 is at least 15 percent greater than said depth D2.
- 15. (Withdrawn) The fluid flow bolt of Claim 12, wherein said channels each have a V-shaped cross sectional shape.

- 16. (Withdrawn) The fluid flow bolt of Claim 15, wherein said V-shaped cross sectional shape has a rounded narrow portion and rounded broad ends.
- 17. (Withdrawn) The fluid flow bolt of Claim 12, wherein said channels are equally spaced apart within said shaft
- 18. (Withdrawn) The fluid flow bolt of Claim 13, wherein said channels have a spiral pattern.
- 19. (Withdrawn) The fluid flow bolt of Claim 12, wherein said plurality of channels is comprised of a first channel, a second channel and a third channel.
- 20. (Withdrawn) The fluid flow bolt of Claim 19, wherein said channels are positioned 120 degrees with respect to one another

## (Please add the following Claim: )

21. (New) A fluid flow bolt, comprising:

a shaft having an elongate structure and a head;

a plurality of channels extending into an outer portion of said shaft from a distal end of said shaft having a depth D1, wherein said channels have a spiral pattern and have a V-shaped cross sectional shape; and

a threading within said shaft having a plurality of threading grooves having a depth D2 and threading ridges;

wherein said depth D1 is greater than said depth D2;

wherein said V-shaped cross sectional shape has a rounded narrow portion and rounded broad ends;

wherein said channels are equally spaced apart within said shaft;

wherein said plurality of channels are comprised of a first channel, a second channel and a third channel positioned 120 degrees with respect to one another;

D,

wherein said channels extend from said distal end of said shaft to near said head; wherein said channels extend from said distal end of said shaft completely through said threading and away from said threading a finite distance;

(mm)

wherein said depth D1 is at least 15 percent greater than said depth D2.